

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/722,948
				Filing Date	November 25, 2003
				First Named Inventor	Greg MARRIOTT
				Art Unit	2629
				Examiner Name	R. Liang
Sheet	1	of	1	Attorney Docket Number	106842005400

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/RL/	1.	4,739,191	4/19/1988	Puar	
	2.	6,396,523	5/28/2002	Segal et al.	
	3.	6,664,951	12/16/2003	Fujii et al.	
	4.	6,781,576	8/24/2004	Tamura	
	5.	2007-0242057	10/18/2007	Zadesky et al.	
	6.	2007-0273671	11/29/2007	Zadesky et al.	
	7.	2007-0279394	12/6/2007	Lampell	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
/RL/	9.	GB 2072389	9/30/81	Kureha Chemical Ind Co.		
/RL/	10.	EP 0178157	04/16/86	Sony Corp.		
/RL/	11.	WO 04/040606	05/13/04	HM Technology International Ltd.; Mamigonians Hrand Mami		

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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/RL/	12.	International Search Report and Written Opinion, dated December 6, 2007, directed to related International Application No. PCT/US2007/015501.			

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Examiner Signature	/Regina Liang/	Date Considered	01/22/2008
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VA-227017

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ALTERNATIVE TO PTO/SB/08A/B (04/07)

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/RL/	1.	JP-10-198507	07-31-1998	Komota KK		<input checked="" type="checkbox"/>
/RL/	2.	JP-6-267382	9-22-1994	Seiko Instr Inc.	Translation of abstract	
/RL/	3.	JP-63-181022	07-26-1988	Canon Inc.	Translation of abstract	

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/RL/	4.	Kobayashi et al. (1997) "Dynamic Soundscape: Mapping Time to Space for Audio Browsing," <i>Computer Human Interaction</i> : 16 pages	
/RL/	5.	Kobayashi et al. "Development of the Touch Switches with the Click Response," Koukuu Denshi Gihou No. 17: pp. 44-48 (1994-3) (published by the Japan Aviation Electronics Industry, Ltd.); Translation of Summary	

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/RI/	1.	2004/0215986	10/28/2004	Shakkarwar	
/RI/	2.	7,113,196	9/26/2006	Kerr	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
/RL/	3.	JP-61-117619	6-5-1986	Matsushita Electric Industrial Co., Ltd.	Translation of Abstract	
	4.	JP-5-041135	2-19-1993	Matsushita Electric Industrial Co., Ltd.	Translation of Abstract	
	5.	JP-5-101741	4-23-1993	Matsushita Electric Industrial Co., Ltd.	Translation of Abstract	
	6.	JP-5-189110	7-30-1993	Fanuc Ltd.		✓
	7.	JP-5-205565	8-13-1993	Alps Electric Co., Ltd.	Translation of Abstract	
	8.	JP-5-211021	8-20-1993	MIC Electron Co.	Translation of Abstract	
	9.	JP-5-217464	8-27-1993		Translation of Abstract	
	10.	JP-5-265656	10-15-1993	Sextant Avionique	Translation of Abstract	
	11.	JP-5-274956	10-22-1993	Akamatsu Rubber Kako KK	Translation of Abstract	
	12.	JP-5-298955	11-12-1993	Mitsumi Electric Co., Ltd.	Translation of Abstract	
	13.	JP-5-325723	12-10-1993	Toshiba Corp	Translation of Abstract	
	14.	JP-6-084428	3-25-1994	MIC Electron Co.	Translation of Abstract	
	15.	JP-6-089636	3-29-1994	Matsushita Electric Industrial Co., Ltd.	Translation of Abstract	
	16.	JP-6-96639	4-8-1994	SMK corporation		✓
	17.	JP-6-111695	4-22-1994	Pioneer Corporation		✓
	18.	JP-6-139879	5-20-1994	Matsushita Electric Industrial Co., Ltd.	Translation of Abstract	
	19.	JP-6-333459	12-2-1994	Canon Inc.	Translation of Abstract	
	20.	JP-7-107574	4-21-1995	Toshiba		•
	21.	JP-7-41882	7-21-1995	SMK Corporation		•
	22.	JP-7-201249	8-4-1995	Achilles Corporation Kenwood Corporation Chuo Kaseihin KK	Translation of Abstract	
	23.	JP-7-261899	10-13-1995	K.K. Hitachi Seisakusho		•
/RL/	24.	JP-7-261922	10-13-1995	IBM	Translation of Abstract	

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/RL/	25.	JP-8-115158	5-7-1996	Hosiden Corporation		✓
	26.	JP-8-203387	8-9-1996	Matsushita Electric Industrial Co., Ltd. Sony Corporation		✓
	27.	JP-8-293226	11-5-1996	Matsushita Electric Works Ltd.	Translation of Abstract	
	28.	JP-8-298045	11-12-1996	Matsushita Electric Industrial Co., Ltd.	Translation of Abstract	
	29.	JP-8-316664	11-29-1996	NEC Shizuoka Ltd.	Translation of Abstract	
	30.	EP-0551778B1	1-15-1997	Sextant Avionique	Partial Translation	
	31.	JP-9-218747	8-19-1997	Yazaki Corporation	Translation of Abstract	
	32.	JP-9-230993	9-5-1997	Sharp Corporation		✓
	33.	JP-9-231858	9-5-1997	Hokuriku Electric Ind. Co. Ltd.	Translation of Abstract	
	34.	JP-9-251347	9-22-1997	Matsushita Electric Industrial Co., Ltd.		✓
	35.	JP-9-258895	10-3-1997	IDEC Izumi Corporation	Translation of Abstract	
✓	36.	JP-9-288926	11-4-1997	Matsushita Electric Works Ltd.	Translation of Abstract	
/RL/	37.	JP-3852854	12-6-2006	Shigeru Saito Architectural Institute		✓

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/RL/	38.	Kobayashi (1996) "Design of Dynamic Soundscape: Mapping Time to Space for Audio Browsing with Simultaneous Listening," Thesis submitted to Program in Media Arts and Sciences at the Massachusetts Institute of Technology, (58 pages)	

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		Number-Kind Code <sup>2</sup> (if known)			
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	2.	4,976,435	12/11/90	Shatford et al.	
	3.	5,192,082	3/9/1993	Inoue et al.	
	4.	5,561,445	10/1/1996	Michio et al.	
	5.	5,661,632	8/26/1997	Register	
	6.	D412,940	8/17/1999	Kato et al.	
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	28.	2003/0025679	2/6/2003	Taylor et al.	
	29.	2003/043174	3/6/2003	Hinckley et al.	
	30.	D472,245	3/25/2003	Andre et al.	
	31.	2003/0095095	5/22/2003	Pihlaja	
	32.	2003/0206202	11/6/2003	Moriya	
	33.	D483,809	12/16/2003	Lim	
	34.	D489,731	5/11/2004	Huang	
	35.	2004/0156192	8/12/2004	Kerr et al.	
	36.	6,788,288	9/7/2004	Ano	
	37.	D497,618	10/26/2004	Andre et al.	
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	40.	2004/0263388	12/30/2004	Krumm et al.	
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	42.	2005/0052425	3/10/2005	Zadesky et al.	
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/RL/	44.	D506,476	6/21/2005	Andre et al.	

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/RL/	45.	6,922,189	7/26/2005	Fujiyoshi	
	46.	6,977,808	12/20/2005	Lam et al.	
	47.	2006/0026521	2/2/2006	Hotelling et al.	
	48.	2006/0097991	5/11/2006	Hotelling et al.	
	49.	7,069,044	6/27/2006	Okada et al.	
	50.	7,084,856	8/1/2006	Huppi	
	51.	2006/0181517	8/17/2006	Zadesky et al.	
	52.	2006/0197750	9/7/2006	Kerr et al.	
	53.	7,113,520	9/26/2006	Meenan	
	54.	7,119,792	10/10/2006	Andre et al.	
	55.	2006/0250377	11/9/2006	Zadesley et al.	
	56.	2006/0274905	12/7/2006	Lindahl et al.	
	57.	2007/0013671	1/18/2007	Zadesky et al.	
	58.	2007/0052044	3/8/2007	Forsblad et al.	
	59.	2007/0052691	3/8/2007	Zadesky et al.	
	60.	2007/0083822	4/12/2007	Robbin et al.	
	61.	7,215,319	5/8/2007	Kamijo et al.	
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/RL/	65.	2007/0152983	7/5/2007	McKillop et al.	

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/RL/	66.	JP 06-111695		4/22/1994	Pioneer Electronic Corp	Translation of abstract	
↓	67.	JP-09-069023		3/11/1997	Matsushita Electric Ind. Co.	Translation of abstract	
	68.	GB-2315186		1/21/1998	Motorola Inc.		
	69.	DE-20019074 U1		2/22/2001	Siemens AG		
	70.	EP-1081922-A2		3/7/2001	Matsushita Electric Industrial Co., Ltd.		
	71.	EP-1098241-A2		5/9/2001	Hewlett Packard Co.		
	72.	EP-1251455-A2		10/23/2002	Hewlett Packard Co.		
	73.	WO-03/044645-A1		5/30/2003	Chalk et al.		
	74.	CN-1455615		11/12/2003		See cite no. 89 for relevance	
	75.	GB-2391060		1/28/2004	NEC Corporation		
	76.	CN-1499356		5/26/2004		See cite no. 89 for relevance	
	77.	EP-1482401-A2		12/1/2004	Microsoft Corporation		
	78.	GB-2402105-A		12/1/2004	Therefore Ltd.		
	79.	WO-2005/055620-A2		6/16/2005	Motorola, Inc.		
	80.	EP-1542437-A2		6/15/2005	Samsung Electronics Co., Ltd.		
	/R/ I	81.	WO-2005/124526-A2		12/29/2005	Koninklijke Philips Electronics	

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/RL/	82.	Chinese Office Action issue December 29, 2006, directed to CN Application No. 200510103886.3, 25 pages	✓
	83.	"Apple Presents iPod: Ultra-Portable MP3 Music Player Puts 1,000 Songs in Your Pocket," retrieved from <a href="http://www.apple.com/pr/library/2001/oct/23ipod.html">http://www.apple.com/pr/library/2001/oct/23ipod.html</a> on October 23, 2001.	
	84.	"System Service and Troubleshooting Manual," <a href="http://www.dsplib.com/intv/Master">www.dsplib.com/intv/Master</a> , downloaded December 11, 2002.	
	85.	BRAY, "Phosphors help switch on xenon," Physics in Action, pp. 1-3, April 1999.	
	86.	EVB ELEKTRONIK "TSOP6238 IR Receiver Modules for Infrared Remote Control Systems" dated 01/2004 1 page.	
	87.	GFROERER, "Photoluminescence in Analysis of Surfaces and Interfaces," Encyclopedia of Analytical Chemistry, pp. 1-23, Copyright John Wiley & Sons Ltd, Chichester, 2000.	
	88.	Luna Technologies International, Inc., LUNA Photoluminescent Safety Products, "Photoluminescence-What is Photoluminescence?" from website at <a href="http://www.lunaplast.com/photoluminescence.com">http://www.lunaplast.com/photoluminescence.com</a> on 12/27/2005.	
/RL/	89.	Ahmad, "A Usable Real-Time 3D Hand Tracker," Proceedings of the 28th Asilomar Conference on Signals, Systems and Computers - Part 2 (of 2) Vol 2 (Oct 1994), 5 pages	

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			Application Number	10/722,948	
			Filing Date	November 25, 2003	
			First Named Inventor	Greg MARRIOTT	
			Art Unit	2629	
			Examiner Name	R. Liang	
Sheet	1	of	6	Attorney Docket Number	106842005400

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Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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				Examiner Name	R. Liang
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				Art Unit	2629
Examiner Name	R. Liang				
Attorney Docket Number	106842005400				
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				Art Unit	2629
				Examiner Name	R. Liang
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				Examiner Name	R. Liang
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\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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			First Named Inventor	Greg MARRIOTT	
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			Examiner Name	R. Liang	
Sheet	6	of	6	Attorney Docket Number	106842005400

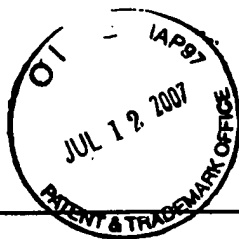
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ALTERNATIVE TO PTO/SB/08A/B (09/06)

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/RL/	3.	EP-0 521 683-A	1-7-1993	NCR International Inc.		
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/RL/	7.	Chinese Office Action mailed on February 16, 2007, directed to corresponding Chinese Patent Application No. 200410097814.8	✓
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